ABSTRACT OF THE DISCLOSURE

A thermoplastic polymer composition having good flexibility and excellent barrier properties with respect to gases and organic liquids, which can be adhesively bonded to a polyolefin resin, this composition comprising an ethylene - vinyl alcohol copolymer (A), a polymer mixture (B) composed of a block copolymer (I) mainly comprising a vinyl aromatic polymer block and a conjugated diene polymer block which may be hydrogenated, and a rubber softener (II), and a polyolefin resin (C). Here, the following three conditions are satisfied:

the ratio of [A]:[B] is in the range of 10:90 to 50:50,

the ratio of [I]:[II] is in the range of 30:70 to 90:10,

the ratio of ([A] + [B]):[C] is in the range of 100:0 to 100:30, when the blending amount of component (A) in the thermoplastic polymer composition is denoted by [A] parts by weight, the blending amount of component (B) is denoted by [B] parts by weight, the blending amount of component (C) is denoted by [C] parts by weight, the blending amount of block copolymer (I) in component (B) is denoted by [I] parts by weight, and the blending amount of rubber softener (II) is denoted by [II] parts by weight. Further, at least part of the block copolymer (I) is modified at a modification ratio of 0.05 wt.% or higher so

as to have a functional group capable of reacting with the ethylene - vinyl alcohol copolymer (A). The ISO type A hardness of the thermoplastic polymer composition is not less than 30 and not higher than 90, and the oxygen permeation coefficient is 20,000 mL·20μm/m^2·day·atm or less.